

# Executive Summary

## West/Annexes/Basewide Operable Unit (WABOU) LF008 Interim Groundwater Remedial Design/Remedial Action Work Plan

### Introduction

The purpose of this Interim Groundwater Remedial Design/Remedial Action Work Plan is to describe the tasks for the design and construction of an interim groundwater remedy at Landfill #3 (LF008). This remedy is in accordance with the *Groundwater Interim Record of Decision for the WABOU* (WABOU Groundwater IROD; Travis AFB, 1998) and the *Travis AFB Remedial Action Strategic Plan* (Radian, 1997).

LF008 consists of burial trenches formerly used in the 1970s for the disposal of pesticide containers, primarily from military facilities located in the Pacific region. The site is located within the Weapons Storage Area (Bunker A) in the WABOU. Bunker A is a secured area and is surrounded by a fence with a locked gate. The burial trenches are covered with top soil, and the ground surface is covered with moderately dense grass.

The WABOU Remedial Investigation identified the approximate locations of the trenches using geophysical surveys. Exploration trenching confirmed the presence of buried debris, including 1- and 5-gallon metal containers, plastic and paper bags, 1-gallon glass bottles, and 55-gallon drums. Chemical analyses of groundwater samples confirmed the presence of organochlorine pesticides in the groundwater beneath the site. The chemicals of concern in the groundwater are aldrin, alpha-chlordane, heptachlor, and heptachlor epoxide.

The WABOU Groundwater IROD specifies Alternative G4 – Extraction, Treatment, and Discharge as the interim remedial action

selected to address groundwater contamination at LF008.

### Preliminary Remedial Design

There are four primary components of the site preliminary design:

- Extraction – Four conventional extraction wells will remove contaminated groundwater from the subsurface.
- Conveyance – After extraction, pipelines will transport the contaminated groundwater to the Building 755 Battery Shop (DP039) site. At this location, groundwater from LF008 will be combined with groundwater from DP039 and conveyed to the West Treatment and Transfer Plant (WTTP), located within the North/East/West Industrial Operable Unit. The WTTP will transfer the water to the Central Groundwater Treatment Plant (CGWTP).
- Treatment – Contaminants will be removed from the groundwater at the CGWTP.
- Discharge – Treated groundwater will be analyzed to ensure that it meets the discharge limits specified in the WABOU Groundwater IROD. The CGWTP will discharge the water into the storm sewer system or will use it for irrigation purposes.

Groundwater conveyance and treatment and the discharge/reuse of treated groundwater are addressed in the *SS016 Interim Groundwater Remedial Design/Remedial Action* (Radian, 1998).